

## Refine Search

### Search Results -

Terms	Documents
L12 and terephthalic acid.ti.	14

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L13





### Search History

DATE: Sunday, December 05, 2004    [Printable Copy](#)    [Create Case](#)

**Set Name**    **Query**  
side by side

**Hit Count**    **Set Name**  
result set

*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L13</u>	L12 and terephthalic acid.ti.	14	<u>L13</u>
<u>L12</u>	L11 and 562/\$	51	<u>L12</u>
<u>L11</u>	L10 or 17 or 19	436	<u>L11</u>
<u>L10</u>	L9 and flash cool\$6	3	<u>L10</u>
<u>L9</u>	L8 and filter	435	<u>L9</u>
<u>L8</u>	L5 and oxid\$7	550	<u>L8</u>
<u>L7</u>	L5 and carboxylic.ti.	7	<u>L7</u>
<u>L6</u>	L5 and carboxyli.ti.	0	<u>L6</u>
<u>L5</u>	L4 and separat\$6 and centrifug\$6	568	<u>L5</u>
<u>L4</u>	L2 and carboxylic acid	1778	<u>L4</u>
<u>L3</u>	L2 and carboxylic acid	1778	<u>L3</u>
<u>L2</u>	terephthalic acid and slurry and b and color	2557	<u>L2</u>

*DB=USPT; PLUR=YES; OP=ADJ*

<u>L1</u>	4158738.PN. OR 5095146.PN.	2	<u>L1</u>
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END OF SEARCH HISTORY

## Hit List

Clear

Generate Collection

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Fwd Refs

Bkwd Refs

Generate OACS

**Search Results - Record(s) 1 through 10 of 14 returned.**☐ 1. Document ID: US 20040110981 A1**Using default format because multiple data bases are involved.**

L13: Entry 1 of 14

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040110981

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040110981 A1

TITLE: Process for the oxidative purification of terephthalic acid

PUBLICATION-DATE: June 10, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sheppard, Ronald Buford	Voorburg	TN	NL	
Tennant, Brent Alan	Kingsport	TN	US	
Woodruff, Thomas Earl	Kingsport	TN	US	
Lin, Robert	Kingsport		US	

US-CL-CURRENT: 562/486; 562/606

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	NUMC	Draw. De
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☐ 2. Document ID: US 20040110980 A1

L13: Entry 2 of 14

File: PGPB

Jun 10, 2004

PGPUB-DOCUMENT-NUMBER: 20040110980

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040110980 A1

TITLE: Process for the oxidative purification of terephthalic acid

PUBLICATION-DATE: June 10, 2004

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Sheppard, Ronald Buford	Voorburg	TN	NL	
Tennant, Brent Alan	Kingsport	TN	US	
Woodruff, Thomas Earl	Kingsport	TN	US	
Lin, Robert	Kingsport		US	

US-CL-CURRENT: 562/413; 562/486

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw. De
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☐ 3. Document ID: US 6307099 B1

L13: Entry 3 of 14

File: USPT

Oct 23, 2001

US-PAT-NO: 6307099

DOCUMENT-IDENTIFIER: US 6307099 B1

TITLE: Production of terephthalic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw. De
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☐ 4. Document ID: US 6150553 A

L13: Entry 4 of 14

File: USPT

Nov 21, 2000

US-PAT-NO: 6150553

DOCUMENT-IDENTIFIER: US 6150553 A

TITLE: Method for recovering methyl acetate and residual acetic acid in the  
production acid of pure terephthalic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw. De
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☐ 5. Document ID: US 6143926 A

L13: Entry 5 of 14

File: USPT

Nov 7, 2000

US-PAT-NO: 6143926

DOCUMENT-IDENTIFIER: US 6143926 A

TITLE: Process for producing pure terephthalic acid with improved recovery of  
precursors, solvent and methyl acetate

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMMC	Draw. De
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☐ 6. Document ID: US 5200557 A

L13: Entry 6 of 14

File: USPT

Apr 6, 1993

US-PAT-NO: 5200557

DOCUMENT-IDENTIFIER: US 5200557 A

TITLE: Process for preparation of crude terephthalic acid suitable for reduction to  
prepare purified terephthalic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 7. Document ID: US 4340752 A

L13: Entry 7 of 14

File: USPT

Jul 20, 1982

US-PAT-NO: 4340752

DOCUMENT-IDENTIFIER: US 4340752 A

TITLE: Process for the purification of terephthalic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 8. Document ID: US 4258209 A

L13: Entry 8 of 14

File: USPT

Mar 24, 1981

US-PAT-NO: 4258209

DOCUMENT-IDENTIFIER: US 4258209 A

TITLE: Process for preparing terephthalic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 9. Document ID: US 4158738 A

L13: Entry 9 of 14

File: USPT

Jun 19, 1979

US-PAT-NO: 4158738

DOCUMENT-IDENTIFIER: US 4158738 A

**\*\* See image for Certificate of Correction \*\***TITLE: Process for the production of fiber-grade terephthalic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 10. Document ID: US 3887612 A

L13: Entry 10 of 14

File: USPT

Jun 3, 1975

US-PAT-NO: 3887612

DOCUMENT-IDENTIFIER: US 3887612 A

TITLE: Process for preparing high purity terephthalic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L12 and terephthalic acid.ti.	14

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